ABSTRACT OF THE DISCLOSURE

A satellite telecommunication system includes a plurality of user stations and at least one satellite. A resource manager for the satellite telecommunication system includes a congestion controller that assigns resources to uplinks, a demand assignment device that assigns resources to uplinks, and, for each satellite, a central entity that includes a subsystem of the congestion controller adapted to receive requests sent by user stations using the satellite, each request expressing the bit rate necessary for a group of connections supported by a user station and by the same downlink of the satellite, and to determine the bit rate authorized for the group of connections. It further includes, for each satellite, a subsystem of the demand assignment device adapted to allocate resources to an uplink, at each user station, as a function of the bit rates authorized by the congestion controller subsystem and globally for all connections supported by the user station.